

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION IX

75 Hawthorne Street San Francisco, CA 94105

OCT 2 4 2016

Mr. Karl Tupper
Air Quality Specialist
Monitoring Division
San Luis Obispo County Air Pollution Control District
3433 Roberto Court
San Luis Obispo, California 93401

Dear Mr. Tupper:

Thank you for your submission of the San Luis Obispo County Air Pollution Control District's (SLOCAPCD's) 2016 Ambient Air Monitoring Network Plan in June 2016. We have reviewed the submitted document based on the requirements set forth under 40 CFR 58. Based on the information provided in the plan, the U.S. Environmental Protection Agency (EPA) approves all portions of the network plan except those specifically identified below.

Please note that we cannot approve portions of the annual network plan for which the information in the plan is insufficient to judge whether the requirement has been met, or for which the information, as described, does not meet the requirements as specified in 40 CFR 58.10 and the associated appendices. EPA Region 9 also cannot approve portions of the plan for which the EPA Administrator has not delegated approval authority to the regional offices. Accordingly, the first enclosure (*A. Annual Monitoring Network Plan Items where EPA is Not Taking Action*) provides a listing of specific items of your agency's annual monitoring network plan where EPA is not taking action. The second enclosure (*B. Additional Items Requiring Attention*) is a listing of additional items in the plan that EPA wishes to bring to your agency's attention.

The third enclosure (*C. Annual Monitoring Network Plan Checklist*) is the checklist EPA used to review your plan for overall items that are required to be included in the annual network plan along with our assessment of whether the plan submitted by your agency addresses those requirements. The first two enclosures highlight a subset of the more extensive list of items reviewed in the third enclosure. All comments conveyed via this letter (and enclosures) should be addressed (through corrections within the plan, additional information being included, or discussion) in next year's annual monitoring network plan.

If you have any questions regarding this letter or the enclosed comments, please feel free to contact me at (415) 947-4134 or Dena Vallano at (415) 972-3134.

Sincerely,
Gen m. J

Gwen Yoshimura, Acting Manager Air Quality Analysis Office

Enclosures:

- A. Annual Monitoring Network Plan Items where EPA is Not Taking Action
- B. Additional Items Requiring Attention
- C. Annual Monitoring Network Plan Checklist

cc (via email): Larry Allen, SLOCAPCD

Kevin Kaizuka, SLOCAPCD

Gayle Sweigert, California Air Resources Board Rebekka Fine, California Air Resources Board Kyle Vagadori, California Air Resources Board

A. Annual Monitoring Network Plan Items where EPA is Not Taking Action

We are not acting on the portions of annual network plans where either EPA Region 9 lacks the authority to approve specific items of the plan, or EPA has determined that a requirement is either not met or information in the plan is insufficient to judge whether the requirement has been met.

• EPA identified items in your agency's annual monitoring network plan where a requirement was not being met or information in the plan was insufficient to judge whether the requirement was being met based on 40 CFR 58.10 and the associated appendices. Therefore, we are not acting on the following items:

Item San August 1997	Checklist Row	Issue
Statement that SPMs	14	Not meeting requirement
operating an		
FRM/FEM/ARM that meet		
Appendix E also meet either		
Appendix A or an approved		
alternative.		
Distance from supporting	81	Insufficient to judge in some
structure		instances
Scale of representativeness	73	Insufficient to judge in one
		instance

Additional information for each of these items may be found for the row listed in column 2, in the third enclosure (*C. Annual Monitoring Network Plan Checklist*).

B. Additional Items Requiring Attention

- [General] The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O₃, PM_{2.5}, PM₁₀, NO₂, SO₂, CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).
- [Item 37] The plan lists the number of required PM₁₀ sites as 0-1. According to the 2015 population estimate (~280k) and the 2015 maximum concentration (149 μg/m³), the required minimum number of PM₁₀ monitoring sites is 1-2. SLOCAPCD meets the minimum monitoring requirements, but please correct this information in next year's plan, if applicable.

C. ANNUAL MONITORING NETWORK PLAN CHECKLIST

(Updated February 10, 2016)

Year: 2016

Agency: San Luis Obispo County Air Pollution Control District (SLOCAPCD)

stations, and/or, in serious, severe and extreme ozone nonattainment areas, and PAMS stations monitoring stations including FRM, FEM, and ARM monitors that are part of SLAMS, NCore stations, STN stations, State speciation stations, SPM 40 CFR 58.10(a)(1) requires that each Annual Network Plan (ANP) include information regarding the following types of monitors: SLAMS

requirements listed in 58.10 along with those in Appendices A, C, D, and E. each monitor meets the requirements of appendices A, C, D, and E of this part, where applicable." On this basis, review of the ANPs is based on the 40 CFR 58.10(a)(1) further directs that, "The plan shall include a statement of purposes for each monitor and evidence that siting and operation of

EPA Region 9 will not take action to approve or disapprove any item for which Part 58 grants approval authority to the Administrator rather than the Administrator are: PAMS, NCore, and Speciation (STN/CSN). Regional Administrators, but we will do a check to see if the required information is included and correct. The items requiring approval by the

comments on its contents and structure contents provide a binding determination of compliance with those requirements. The checklist is subject to revision in the future and we welcome Please note that this checklist summarizes many of the requirements of 40 CFR Part 58, but does not substitute for those requirements, nor do its

Key:

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read.		allow	hite
Green item requires attention in order to improve next year's plan (items listed in Enclosure B).	process (items listed in Enclosure A)	Yellow requirement is not met, or information is insufficient to make a determination. Action requested in next year's plan or outside the ANP	meets the requirement
		sted in next	
		year's plan or out	
		side the ANP	

	ANP requirement	Citation within 40 CFR 58 ¹	Was the information submitted? ² If yes, page #s. Flag if incorrect ³ ?	Does the information provided ⁴ meet the requirement? ⁵	Notes
GENE	RAL PLAN REQUIREMENTS			ALCOHOL SERVICE	
1.	Submit plan by July 1st	58.10 (a)(1)	Yes, Cover letter	Yes	Plan was submitted on June 24, 2016
2,	30-day public comment / inspection period ⁶	58.10 (a)(1), 58.10 (a)(2)	Yes, Cover letter and p.4	Yes	May 23-June 23, 2016
3.	Modifications to SLAMS network – case when we are not approving system modifications	58.10 (a)(2) 58.10 (b)(5) 58.10(e) 58.14	NA, pp 9-10	NA	
4,	Modifications to SLAMS network – case when we are approving system modifications per 58.14	58.10 (a)(2) 58.10 (b)(5) 58.10(e) 58.14	NA	NA	
5.	Does plan include documentation (e.g., attached approval letter) for system modifications that have been approved since last ANP approval?		Yes, Appendices D and E	Yes	The Morro Bay NO ₂ SLAMS monitor was approved for discontinuation on March 28, 2016.
6.	Any proposals to remove or move a monitoring station within a period of 18 months following plan submittal	58.10 (b)(5)	NA, p. 17	NA	
7.	A plan for establishing a near-road PM _{2.5} monitor (in CBSAs \geq 2.5 million) by $1/1/2015$ (plan was due July 1, 2014)	58.10(a)(8)(i)	NA _y	NA /	
8.	A plan for establishing a near-road PM _{2.5} monitor (in CBSAs ≥ 1 million and ≤ 2.5 million) by $1/1/2017$ (plan due July 1, 2016)	58.10(a)(8)(ii)	NA	NA	

¹ Unless otherwise noted.

² Response options: NA (Not Applicable), Yes, No, Incomplete, Incorrect. The responses "Incomplete" and "Incorrect" assume that some information has been provided.

³ To the best of our knowledge.

⁴ Assuming the information is correct

⁵ Response options: NA (Not Applicable) – [reason], Yes, No, Insufficient to Judge.

⁶ The affected state or local agency must document the process for obtaining public comment and include any comments received through the public notification process within their submitted plan.

				and some activities of consistent of the second of the sec	
ANP requirement	ment	Citation	Was the	Does the	Notes
		CFR 58	submitted?	provided meet	
			yes, page #s.	Fe	
			Flag if	requirement?	
9. A plan for estab	A plan for establishing a near-road CO monitor (in	58.10(a)(7)	NA	XX	
CBSAs ≥ 2.5 m July 1, 2014)	CBSAs ≥ 2.5 million) by 1/1/2015 (plan was due July 1, 2014)	58.13(e)(1)			
10. A plan for estab	A plan for establishing a near-road CO monitor (in	58.10(a)(7)	X	X	
(plan due July 1, 2016)	(plan due July 1, 2016)				
11. NO ₂ plan for est	NO ₂ plan for establishment of 2 nd near-road monitor by 1/1/2015 (rilan was due July 1 2014)	58.10 (a)(5)(iv)	NA .	A	
12. Precision/Accur	Precision/Accuracy reports submitted to AQS	58.16(a);	Yes, p. 18	Yes	
		App A, 1.3 and 5.1.1			
 Annual data cer 	Annual data certification submitted	58.15 App. A 1.3	Yes, p. 18	Yes	
14. Statement that S that meet Apper	Statement that SPMs operating an FRM/FEM/ARM that meet Appendix E also meet either Appendix A	58.11 (a) (2)	Incomplete, pp. 9, 15, 44-45	Not meeting requirement	Please include a statement noting whether the Uso Flaco PM ₁₀ monitor is meeting this requirement in
or an approved Appendix A approcluded	or an approved alternative. Documentation for any Appendix A approved alternative should be included.				next year's plan.
15. SPMs operating 24 months are 1 the agency prov requirements from the second	SPMs operating FRM/FEM/ARM monitors for over 24 months are listed as comparable to the NAAQS or the agency provided documentation that requirements from Appendices A, C, or E were not met. ⁸	58,20(c)	N A	Z	
16. For agencies the an MSA/CSA: 1 requirements or agencies and the place	For agencies that share monitoring responsibilities in an MSA/CSA: this agency meets full monitoring requirements or an agreement between the affected / agencies and the EPA Regional Administrator is in place	App D 2(e)	Yes, p.7	Yes	
GENERAL PARTICUI	GENERAL PARTICULATE MONITORING REQUIREMENTS (PM10, PM25, Pb-TSP, Pb-PM10)	NTS (PM ₁₀ , PM	25, Pb-TSP, Pb-PM10		

⁷ Alternatives to the requirements of appendix A may be approved for an SPM site as part of the approval of the annual monitoring plan, or separately.

⁸ This requirement only applies to monitors that are eligible for comparison to the NAAQS per 40 CFR §§58.11(e) and 58.30.

SLOCAPCD is part of the ARB PQAO, and relies on the entire PQAO network to satisfy collocation.	Yes	Yes, p. 20	App D 4.7.2	24. Requirements for continuous PM _{2.5} monitoring (number of monitors and collocation)	
The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).	Yes	Yes, p. 21	App D, 4.7.1(a) and Table D-5	23. Minimum # of monitoring sites for PM _{2.5} [Note 1: should be supported by MSA ID, MSA population, DV, # monitoring sites, and # required monitoring sites] [Note 2: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.]	
	N _A	NA	58.10 (b)(13) 58.11 (e)	22. Identification of any PM _{2.5} FEMs and/or ARMs not eligible to be compared to the NAAQS due to poor comparability to FRM(s) [Note 1: must include required data assessment.] [Note 2: Required SLAMS must monitor PM _{2.5} with NAAQS-comparable monitor at the required sample frequency.]	
	Yes	Yes, p. 17	58.10 (c)	21. Document how states and local agencies provide for the review of changes to a PM _{2.5} monitoring network that impact the location of a violating PM _{2.5} monitor.	
				PM _{2.5} -SPECIFIC MONITORING REQUIREMENTS	PM
	NA.	NA	App E	20. For high volume PM instruments (flow rate > 200 liters/minute), all other PM instruments are > 2m from the hivol. If no, list distance (meters) and instruments.	
	Yes	Yes, App. C	App E	19. For low volume PM instruments (flow rate < 200 liters/minute), all other PM instruments are > 1 m from the lovol. If no, list distance (meters) and instruments.	
	NA	NA, p.24	App. A 3.2.5.6 and 3.2.6.3	18. Distance between QA collocated monitors (Note: waiver request or the date of previous waiver approval must be included if the distance deviates from requirement.)	
	NA	ΑN	Need to determine collocation	17. Designation of a primary monitor if there is more than one monitor for a pollutant at a site.	
Notes	Does the information provided meet the requirement?5	Was the information submitted? ² If yes, page #s. Flag if incorrect ³ ?	Citation within 40 CFR 58 ¹	ANP requirement	

Citation Was the information information within 40 submitted?2 If yes, page #s. tequirement?5 SQA collocation App A 3.2.5 NA, pp. 14, App. NA information provided meet the yes, page #s. requirement?5 Flag if yes, page #s. requirement?5 incorrect?? NA pp. 14, App. NA NA NA NA NA NA NA NA NA 2.5 minual PM2, s NAAQS as present area-wide air quality App D 4.7.1(b)(1) and na area of expected App D A 2.2.5 million) by 14.2015 App D A.3.2.5 million) by 14.2015 App D A.3.3.2 NA NA Requirement For near-road App D A.3.3.2 NA NA Pp. C See included if the sampling App D A.7.1 (b)(4) Sechedules (note: date of App D A.7.1 (b) App. C App D A.3.3.2 NA NA NA NA Pp. C Pr. C		Yes	Yes, App. C	App A, 3.2.4 and 3.3.3	Dates of two semi-annual flow rate audits conducted in CY2015 for PM _{2.5} monitors	36.
ANP requirement Citation Within 40 Information Inform		Yes	Yes, App. C	App A 3.2.3	Frequency of flow rate verification for automated PM _{2.5} monitors audit	35.
ANP requirement ANP requirement Citation within 40 Information In		NA	NA	App A 3.3.2	Frequency of flow rate verification for manual $PM_{2.5}$ monitors audit	34.
ANP requirement Within 40 Information within 40 submitted?2 If provided meet within 40 submitted?2 If provided meet provided meet frag if incorrect?2 FRM/FEM/ARM PM _{2.5} QA collocation App A 3.25 NA, pp. 14, App. NA See Row 24. PM _{2.5} Chemical Speciation requirements for official App D 4.7.4 App D Required PM _{2.5} sites suitable and sites not suitable for comparison to the annual PM _{2.5} NAAQS as described in Part 88.30 Required PM _{2.5} sites represent area-wide air quality App D Fro PM _{2.5} vithin each MSA at least one site at naximum concentration Minamum promibring requirement for near-road Minamum promibring requirement for near-road Minamum promibring requirement for near-road App D The plan include The plan include The plan include The plan include App D The plan include The pla				EPA flowchart	season deviates from requirement)	
ANP requirement Within 40 Information Inf			App. C	App D 4.7	and seasonal sampling schedules (note: date or waiver approval must be included if the sampling	
ANP requirement Was the within 40 information information information CFR 581 submitted?2 If provided4 meet yes, page #s. the Flag if yes, page #s. the Flag if incorrect3? FRM/FEM/ARM PM2s QA collocation App D 4.7.4 App. BA 3.2.5 BA App. C Yes Ger comparison to the annual PM2s NAAQS as described in part 58.30 Required PM2s sites represent area-wide air quality App D A 7.1(b) For PM2s, within each MSA, at least one site at maximum concentration Mamman monitoring required, there is a site App D A 7.1(b)(2) Fradditional SLAMS PM2s is required, there is a site App D A 7.1(b)(2) States must have at least one PM2s regional transport site. ANP D A NA Brate NA STIR sites Fraginal minimum concentration App D A 3.2.5 NA, pp. 14, App. NA App D Yes, App. C Yes App D Yes, App. C Yes See Row 24. Frequirement?5 If additional SLAMS PM2s is required, there is a site App D NA States must have at least one PM2s regional transport site. App D 4.7.3 NA App D 4.7.3 NA App D 4.7.3 NA Requirement This is a state to be set the within and are of poor air quality App D 4.7.1(b)(3) States must have at least one PM2s regional transport site.	All continuous	Yes		58.10 (b)(4)	Sampling schedule for PM _{2.5} - applies to year-round	33.
ANP requirement Citation within 40 information CFR 58¹ submitted?² If yes, page #s. Flag if Flag if Flag if incorrect³? FRM/FEM/ARM PM _{2.5} QA collocation App A 3.2.5 Identification of sites suitable and sites not suitable for comparison to the annual PM _{2.5} NAAQS as described in Part 58.30 Required PM _{2.5} sites represent area-wide air quality naximum concentration App D For PM _{2.5} within each MSA, at least one site at neighborhood or larger scale in an area of expected Minimum monitoring requirement for near-road PM _{2.5} insonitor (in CBSA ≥ 2.5 million) by 1.172013 App D App		Requirement			background and one PM _{2.5} regional transport site.	
ANP requirement ANP requirement Was the within 40 information in	This is a state requirement to be addressed by ARB.		NA	App D 4.7.3	States must have at least one PM; s regional	32
ANP requirement Within 40 within 40 information in formation in ARB's ANP. Flag if incorrect ³ ? Inco		NA	NA	App D 4.7.1(b)(3)	If additional SLAMS $PM_{2.5}$ is required, there is a site in an area of poor air quality	<u></u>
ANP requirement ANP requirement within 40 information cFR 58¹ yes, page #s. Flag if incorrect²? requirement? ### Flag if Incorrect²? ### Plag if ### Plag if ### Plag if ### Incorrect? ### Plag if ### Plag if ### Plag if ### Incorrect²? ### Plag if ### Incorrect²? ### Plag if ### Plag if ### Plag if ### Incorrect²? ### Plag if ### Incorrect? ### Plag if ### Plag if ### Plag if ### Incorrect? ### Plag if ### Incorrect? ### Plag if ### Plag if ### Incorrect? ### Plag if ### Incorrect? ### Plag if ### Plag if ### Incorrect? ### Plag if ### Incorrect? ### Plag if ### Plag if ### Incorrect? ### Plag if ### Plag if ### Incorrect? ### Plag if ### Incorrect? ### Pla	year's plan (i.e., 2016).					
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ANP requirement Was the within 40 information submitted?2 If provided4 meet yes, page #s. FRM/FEM/ARM PM2.5 QA collocation App A 3.2.5 NA, pp. 14, App. NA STN sites Identification of sites suitable for comparison to the annual PM2.5 NAQS as described in Part \$8.30 Required PM2.5 sites represent area-wide air quality App D Required PM2.5, within each MSA, at least one site at neighborhood or larger scale in an area of expected Minimum monitoring requirement for near-road Minimum monitoring requirement for near-road Namimum monitoring requirement for near-road App D NA The plam includ provided4 meet within 40 within 40 within 40 submitted?2 If provided4 meet yes, page #s. requirement?5 incorrect?? requirement?5 Requirement?5 NA See Row 24. Yes PM-3.25 NA, pp. 14, App. NA See Row 24. Yes App D Yes, App. C Yes Yes NA The plam includ PM-4. monitor (in CBSA > 2.5 million) by 1.1 2015 App D	(O ₃ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use			4.7.1(b)(2)		
ANP requirement Was the information information submitted?² If provided⁴ meet yes, page #s. FRM/FEM/ARM PM2.5 QA collocation FRM/FEM/ARM PM2.5 QA collocation FRM/FEM/ARM PM2.5 QA collocation FRM/FEM/ARM PM2.5 QA collocation App A 3.2.5 App. 14, App. NA STN sites Identification of sites suitable and sites not suitable for comparison to the annual PM2.5 NAAQS as described in Part 58.30 Required PM2.5 within each MSA, at least one site at neighborhood or larger scale in an area of expected For PM2.5, within each MSA, at least one site at neighborhood or larger scale in an area of expected ANP Citation information Was the information Information Was the information Information App A 3.2.5 NA, pp. 14, App. NA See Row 24. App D Yes, App. C Yes For PM2.5, within each MSA, at least one site at neighborhood or larger scale in an area of expected App D Yes, page #s. Flag if Incorrect³? In ARB's ANP. NA See Row 24. Yes App D Yes, App. C Yes Yes PM2.5 (heit eded meet Yes, page #s. Flag if Incorrect³? In ARB's ANP. Yes App D Yes, App. C Yes Yes Yes PM2.5 (heit eded meet App D NA Sequirements. NA See Row 24. Yes App D Yes, App. C Yes Yes PM2.5 (heit eded meet App D App D Yes, App. C Yes Yes Yes	2010 in all minimum monitoring requirement tables	N N	3	28.13(1)(1) App D	Minimum monitoring requirement for near-road PM ₂ smonitor (in CBSA > 2.5 million) by 1/1/2015	30.
ANP requirement Was the within 40 information information CFR 581 submitted?2 If provided4 meet yes, page #s. FRM/FEM/ARM PM2.5 QA collocation FRM/FEM/ARM PM2.5 QA collocation FRM/FEM/ARM PM2.5 QA collocation App A 3.2.5 Identification of sites suitable and sites not suitable for comparison to the annual PM2.5 NAAQS as described in Part 58.30 Required PM2.5 within each MSA, at least one site at enighborhood or larger scale in an area of expected ANP PM2.5 (Chemical Speciation requirements for official App D Yes, App. C Yes PM2.6 (CFR 581 ves, page #s. the Flag if provided4 meet the provided4 meet the provided4 meet when the provided4 meet submitted?2 If provided4 meet when the provided4 meet submitted?2 If provided4 meet the provided4 meet submitted?2 If provided4 meet when the provided4 meet submitted?2 If provided4 meet visually and the pr					maximum concentration	
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ANP requirement ANP requirement within 40 CFR 58¹ within 40 submitted?² If yes, page #s. Flag if incorrect³? FRM/FEM/ARM PM2.5 QA collocation PM2.5 Chemical Speciation requirements for official for comparison to the annual PM2.5 NAAQS as described in Part 58.30 CFR 58¹ within 40 submitted?² If yes, page #s. Flag if incorrect³? incorrect³? NA, pp. 14, App. NA NA NA NA See Row 24. S		Yes	Yes, App. C	App D 4.7.1(b)	Required PM _{2.5} sites represent area-wide air quality	28.
ANP requirement Citation within 40 information submitted?2 If yes, page #s. Flag if incorrect3? FRM/FEM/ARM PM2.5 QA collocation PM2.5 Chemical Speciation requirements for official App D 4.7.4 Identification of sites suitable and sites not suitable for comparison to the annual PM2.5 NAAQS as Citation within 40 citation within 40 submitted?2 If yes, page #s. Flag if incorrect3? incorrect3? requirement?5 in ARB's ANP. NA See Row 24. See Row 24. Yes for comparison to the annual PM2.5 NAAQS as					described in Part 58.30	
ANP requirement ANP requirement Was the within 40 information information submitted?² If yes, page #s. Flag if incorrect³? FRM/FEM/ARM PM25 QA collocation PM2 Chemical Speciation requirements for official App D 4.7.4 App D 4.7.4 NA Was the within 40 information information yes, page #s. Flag if incorrect³? incorrect³? Frequirements. in ARB's ANP. B NA See Row 24. STN sites		Yes	Yes, App. C	58.10 (b)(7)	Identification of sites suitable and sites not suitable for comparison to the annual PM _{2.5} NAAQS as	27.
ANP requirement Citation was the within 40 information information CFR 58¹ submitted?² If provided⁴ meet the yes, page #s. Flag if requirement?⁵ incorrect³? FRM/FEM/ARM PM2.5 QA collocation App A 3.2.5 NA, pp. 14, App. NA See Row 24.		NA	A	App D 4.7.4	PM _{2.5} Chemical Speciation requirements for official STN sites	
ANP requirement Citation Was the within 40 information information CFR 58¹ submitted?² If provided⁴ meet yes, page #s. requirement?⁵ incorrect³? FRM/FEM/ARM PM25 QA collocation App A 3.2.5 NA, pp. 14, App. NA See Row 24.			8			
within 40 information information information CFR 58¹ submitted?² If provided⁴ meet the	See Row 24.	AN	NA, pp. 14, App.	App A 3.2.5	FRM/FEM/ARM PM2.5 QA collocation	-
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PM₁₀ -SPECIFIC MONITORING REQUIREMENTS

	ANP requirement	Citation within 40 CFR 58 ¹	Was the information submitted? ² If yes, page #s. Flag if incorrect ³ ?	Does the information provided ⁴ meet the requirement? ⁵	Notes
37.	Minimum # of monitoring sites for PM ₁₀ [Note: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.]	App D, 4.6 (a) and Table D-4	Yes, p. 21	Yes	The plan lists the number of required PM ₁₀ sites as 0-1. According to 2015 population estimate (~280k) and the 2015 maximum concentration (149 μg/m³), the required minimum # of PM ₁₀ monitoring sites is 1-2. SLOCAPCD meets the minimum monitoring requirements, but please correct this information in next year's plan, if applicable. The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).
38.	Manual PM ₁₀ method collocation (note: continuous PM ₁₀ does not have this requirement)	App A 3.3.1	NA/	NA	NA NA
39.	Sampling schedule for PM ₁₀	58.10 (b)(4) 58.12(e) App D 4.6	Yes, p. 14 and App. C	Yes	All continuous
40.	Frequency of flow rate verification for manual PM ₁₀ monitors audit	App A 3.3.2	NA	NA	
41.	Frequency of flow rate verification for automated PM ₁₀ monitors audit	App A 3.2.3	Yes, App. C	Yes	
42.	Dates of two semi-annual flow rate audits conducted in CY2015 for PM ₁₀ monitors	App A, 3.2.4 and 3.3.3	Yes, App. C	Yes	
Pb -SP	ECIFIC MONITORING REQUIREMENTS				
43.	Minimum # of monitors for non-NCore Pb [Note: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.]	App D 4.5 58.13(a)	NA, p. 16, 23	NA .	
44.	Pb collocation: for non-NCore sites	App A 3.3.4.3	NA	NA	
45.	Any source-oriented Pb site for which a waiver has been granted by EPA Regional Administrator	58.10 (b)(10)	NA	NA	
46.	Any Pb monitor for which a waiver has been requested or granted by EPA Regional Administrator for use of Pb-PM ₁₀ in lieu of Pb-TSP	58.10 (b)(11)	NA /	NA.	

2010 in all minimum monitoring requirement tables			App D 4.3.2	road NO; monitor (in CBSA > 1 million) by	
The plan includes population census estimates from	NA	NA; p. 21	58.13(c)(3)	6 Minimum monitoring requirement for single near-	36,
				-SPECIFIC MONITORING REQUIREMENTS	NO ₂ -S
All year-round.	Yes	Yes, App. C	58.10 (b)(4) App D, 4.1(i)		55.
	Yes	Yes, p. 12	App D 4.1 (b)		54.
The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM ₂ s, PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).	Yes	Yes, p. 19	App D, 4.1(a) and Table D-2	should be supported by MSA ID, MSA population, DV, # monitoring sites and # required monitoring sites] [Note 2: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.] [Note 3: monitors that do not meet traffic count distance requirements to be neighborhood or urban scale (40 CFR Appendix E, Table E-1) cannot be counted towards meeting minimum monitoring requirements.	53.
				O3-SPECIFIC MONITORING REQUIREMENTS	O3SP
	Yes	Yes, App. C	App. A 3.2.2		52.
	Yes	Yes, App. C	App. A 3.2.1	1. Frequency of one-point OC check (gaseous)	51.
				GENERAL GASEOUS MONITORING REQUIREMENTS	GENER
	NA	NA	App A 3.3.4.1		50.
	NA	A	App A 3.3.4.1	 Frequency of flow rate verification for Pb monitors audit 	49.
	ZA	NA	58.10 (b)(4) 58.12(b) App D 4.5		48
	NA	NA	58.10 (b)(9)	7. Designation of any Pb monitors as either source- oriented or non-source-oriented	47.
	requirement?5	yes, page #s. Flag if incorrect ³ ?			
Notes	Does the information provided meet	Was the information submitted? ² If	Citation within 40 CFR 581	ANP requirement	

The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM ₂ s, PM ₁₆ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).	Ž	NA, pp. 13-14, 22	Арр 13 4.4	Minimum monitoring requirements for SO ₂ based on PWEI and/or RA required monitors under Appendix D 4.4.3 [Note: Only menitors considered to be required SI AMs are eligible to be counted towards meeting minimum monitoring requirements.]
				SO ₂ –SPECIFIC MONITORING REQUIREMENTS
The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).	AN	NA, p. 16, 22	58.13(e)(1) App D 4.2.1	61. Minimum monitoring requirement for near-road CO monitor (in CBSA ≥ 2.5 million) by 1/1/2015 °
				CO - SPECIFIC MONITORING REQUIREMENTS
	NA	NA, pp. 13, 21	58.10 (b)(12)	60. Identification of required NO ₂ monitors as either near-road, area-wide, or vulnerable and susceptible population (aka RA40)
	NA	NA, pp. 13, 21	App D 4.3.4	59. Minimum monitoring requirements for susceptible and vulnerable populations monitoring (aka RA40) NO ₂ (operation required by January 1, 2013) 9
The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016)	NA A	NA, pp. 13, 21	App D 4.3.3	NO ₂ monitor in location of expected highest NO ₂ concentrations representing neighborhood or larger scale (operation required by January 1, 2013) 9
	NA	NA	58.13(c)(4) App D 4.3.2	57. Minimum monitoring requirement for second near- road NO₂ monitor (in CBSA ≥ 2.5 million) by 1/1/2015 ⁹ [Note: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.]
(O ₅ , PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).				1/1/2014Note: Only monitors considered to be required SLAMs are eligible to be counted towards meeting minimum monitoring requirements.]
	the requirement?5	yes, page #s. Flag if incorrect ³ ?		
	information provided ⁴ meet	information submitted? ² If	Within 40 CFR 58 ¹	
Notes	Does the	Was the	Citation	ANP requirement

			[2]		Z		
68	67.	65.	TEOR	64	ORE	8	
Parameter occurrence code for each monitor	MSA, CBSA, CSA or other area represented by the monitor	AQS site identification number for each site Location of each site: street address and geographic coordinates	SITE OR MONITOR - SPECIFIC REQUIREMENTS (OFTEN INCLUDED IN DETAILED SITE INFORMATION TABLES	NCore site and all required parameters operational: year-round O3, trace SO2, trace CO, NO3, NO, PM25 mass, PM25 continuous, PM25 speciation, PM1025 mass, resultant wind speed at 10m, resultant wind direction at 10m, ambient temperature, relative humidity, and Pb at CBSAs ≥ 500,000.	NCORE -SPECIFIC MONITORING REQUIREMENTS	Monitors used to meet Data Requirements Rule included in July 1, 2016 ANP (to be installed no later than January 1, 2017).	ANP requirement
Needed to determine if other requirements (e.g., min # and collocation) are met	58.10 (b)(8)	58.10 (b)(1) 58.10 (b)(2)	INCLUDED IN	58.10 (a)(3); Pb collocation App. A 3.3.4.3; PM ₁₀ . 2s minimum monitoring App. D 4.8; PM _{10-2.5} sampling schedule 58.10 (b)(4) 58.12(f) App D 4.8; PM _{10-2.5} collocation App. A 3.3.6		40 CFR 51.1203(c)	Citation within 40 CFR 581
Yes, App. C	Yes, App. C	Yes, App. C Yes, App. C	DETAILED SITE INF	NA, p. 16		NA, p. 14	Was the information submitted? If yes, page #s. Flag if incorrect ³ ?
Yes	Yes	Yes Yes	ORMATION TABLE	N.		NA	Does the information provided meet the requirement?
			38)	The plan includes population census estimates from 2010 in all minimum monitoring requirement tables (O ₃ . PM _{2.5} , PM ₁₀ , NO ₂ , SO ₂ , CO, and Pb). Please use the most recent available census estimates in next year's plan (i.e., 2016).			Notes

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	60	9	70.	71	7,7		73.	74.	75.	76.
ANP requirement		Statement of purpose for each monitor	Basic monitoring objective for each monitor	. Site type for each monitor			Scale of representativeness for each monitor as defined in Appendix D	Parameter code for each monitor	Method code and description (e.g., manufacturer & model) for each monitor	
Citation within 40 CFR 581	2010/10/10	58.10 (a)(1)	App D 1.1 58.10 (b)(6)	App D 1.1.1	Needed to determine if other requirements	(e.g., min # / and collocation) are met	58.10(b)(6); App D	Needed to determine if other requirements (e.g., min # and collocation) are met	58.10 (b)(3); App C 2.4.1.2	Needed to determine if other requirements (e.g., min # and
Was the information submitted? If yes, page #s. Flag if incorrect ³ ?	INCOMPLET.	Yes, pp. 11-16	Yes, App. C	Yes, App. C	Yes, App. C		Yes, App. C	Yes, App. C	Yes, App. C	Yes, App. C
Does the information provided meet the requirement?		Yes	Yes	Yes	Yes		Insufficient to judge in one instance	Yes	Yes	Yes
Notes							The Paso Robles PM ₁₀ monitor is listed as neighborhood scale in the site table, but as urban scale on p. 15 Please clarify or correct the scale or site type to be consistent with each other in next year's plan.			

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00	87.	86.	85.	84	% %	82.				20	80	79.	78.	77.							
Residence time (NO/NO ₂ /NO ₂ , SO ₂ , O ₃ ; For PAMS: VOCs, Carbonyls)	Probe material (NO/NO ₂ /NO ₂ , SO ₂ , O ₃ , For PAMS: VOCs, Carbonyls)	Unrestricted airflow (expressed as degrees around probe/inlet or percentage of monitoring path)	Distance to furnace or incinerator flue	Distance from the drip line of closest tree(s)	Distance from obstructions not on roof (horizontal distance to the obstruction and vertical height of the obstruction above the probe should be provided)	Distance from obstructions on roof (horizontal distance to the obstruction and vertical height of the obstruction above the probe should be provided)						Groundcover	. Traffic count of nearest road	. Distance of monitor from nearest road							ANP requirement
App E 9	App E 9	App E, 4(a) and 4(b)	App E 3(b)	App E 5	App E 4(a)	App E 4(b)			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	App F 2	Ann F 2	App E 3(a)	App E	App E 6	are met				CER 58	within 40	Citation
Yes, App. C	Yes, App. C	Yes, App. C	Yes, App. C	Yes, App. C	Yes, App. C	Yes, App. C			A STATE OF THE STA	Ves Ann C	Yes App C	Yes, App. C	Yes, App. C	Yes, App. C		incorrect ³ ?		ves. page #s.			Wasthe
Yes	Yes	Yes	Yes	Yes	Yes	Yes		instances	judge in some	Insufficient to	Yes	Yes	Yes	Yes			requirement?5		provided meet	e citation	Does the
							 Nipomo – EM₁₀ (1.7m) Atascadero – PM₁₀ (1.7m) 	• CDF – PM ₁₀ (1.4m), PM _{2.5} (1.4m)	requirement:	The following monitors may not be meeting the											Notes

Public Comments on Annual Network Plan

Were comments submitted to the S/L/T agency during the public comment period?

No.

If no, skip the remaining questions.

If yes:

• Were any of the comments substantive?

- If yes, which ones?
- Explain basis for determination if any comments were considered not substantive:
- Did the agency respond to the substantive comments?
- If yes, was the response adequate?
 Do the substantive comments require separate EPA response (i.e., agency response)
- Are the sections of the annual network plan that received substantive comments approvable after consideration of comments? Do the substantive comments require separate EPA response (i.e., agency response wasn't adequate)?
- If yes, provide rationale: